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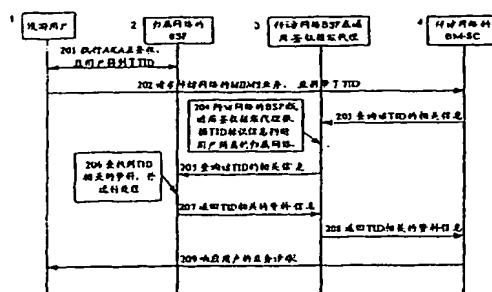
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(54) Title: A METHOD FOR ESTABLISHING SECURITY ASSOCIATION BETWEEN THE ROAMING SUBSCRIBER AND THE SERVER OF THE VISITED NETWORK

(54) 发明名称: 漫游用户与拜访网络内的业务服务器建立信任关系的方法

1 ROAMING SUBSCRIBER
2 BSF OF THE HOME NETWORK
3 BSF OR GENERAL AUTHENTICATION FRAME AGENT OF THE VISITED NETWORK
4 BM-SC OF THE VISITED NETWORK
201 EXECUTE AKA MUTUAL AUTHENTICATION, AND THE SUBSCRIBER OBTAINS THE TID
202 ASK FOR THE MBMS SERVICE OF THE VISITED NETWROK, AND BE WITH THE TID
203 QUERY THE CONCERNED INFORMATION OF THE TID
204 BSF OR GENERAL AUTHENTICATION FRAME AGENT OF THE VISITED NETWORK JUDGE WHICH NETWORK THE ROAMING SUBSCRIBER BELONGS TO ACCORDING TO THE TID INFORMATION
205 QUERY THE CONCERNED INFORMATION OF THE TID
206 THE TID INFORMATION IS OBTAINED AND PROCESSED
207, 208 RETURN THE CONCERNED TID INFORMATION
209 RESPONSE TO THE REQUEST OF THE SUBSCRIBER

(57) Abstract: A method for establishing security association between the roaming subscriber and the server of the visited network, and after receiving the service request from a roaming subscriber, the server of the visited network establishes security association with the roaming subscriber by the BSF or the general authentication frame agent or the AAA server of this network and the AAA server of the home network of the roaming subscriber according to the authenticating result of the general authentication frame in the home network; it is achieved that the roaming subscriber employs the service of its visited network after being authenticated through the general authentication frame of the home network.

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